

## **Coastal Observation Technology System Project Summary – 2004**

**Project Name/Title:** A Pilot Project for Integration of the West Florida Coastal Observing Systems

**Date Project Initiated:** July 1, 2004

**Recipient Institution:** Florida Institute of Oceanography, University of South Florida

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**Project Web Site:** None established as yet

**Brief Project Summary:** The Everglades National Park maintains 33 stations in Florida Bay and adjacent Gulf Coast estuaries that record depth, specific conductance (salinity), and temperature at all stations and rainfall at all but 2 stations. The data from these stations are relayed daily to park headquarters via radio telemetry. Due to changes in transmission regulations, this will no longer be possible. Additionally, the data are not available to the general public in near real-time and cannot be integrated with other monitoring networks in regions such as the Coastal Ocean Monitoring and Prediction System (COMPS) along the west coast of Florida and the SEAKEYS network in the Florida Keys National Marine Sanctuary. The objective of this program is to equip 25 of the 33 stations with satellite transmitters to have the data available in near real-time. The data will be posted hourly on the COMPS Web site and made available to researchers, managers, and the general public.

**Accomplishments to Date:** Funding will not start until July 2004.

**Current Year Objectives:** Refit 25 of the Everglades National Park Marine Monitoring Network stations with satellite transmitters to allow for real-time data acquisition.

**Partners:**

SEAKEYS, Florida Institute of Oceanography  
Coastal Ocean Monitoring and Prediction System, University of South Florida  
Everglades National Park  
Institute for Marine Remote Sensing, University of South Florida